

Pin Function	COLOR
1 Brake (+)	BLACK
2 U	YELLOW
3 V	RED
4 W	BLACK
5 Brake (-)	BLACK
6 PE	YELLOW/GREEN

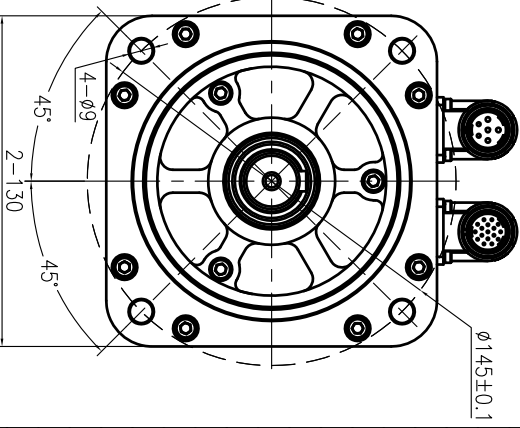
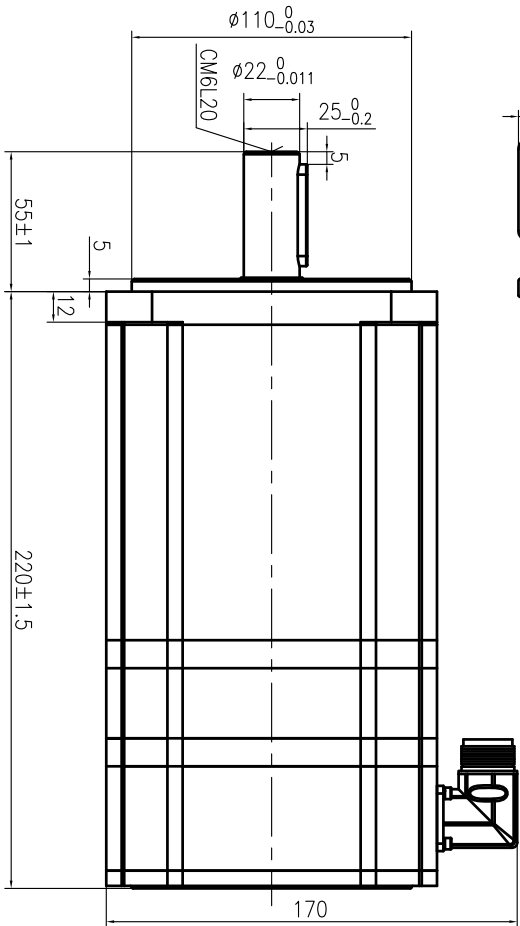


Pin Function	COLOR	Pin Function	COLOR
1 VCC+	WHITE	10 NC	
2 GND	BLACK	11 NC	
3 V8	ORANGE	12 NC	
4 GND	BROWN	13 SHIELD/NC	
5 NC		14 NC	
6 NC		15 NC	
7 NC		16 SD	BLUE
8 NC		17 /SD	PURPLE
9 NC			



6 PIN MOTOR CONNECTOR

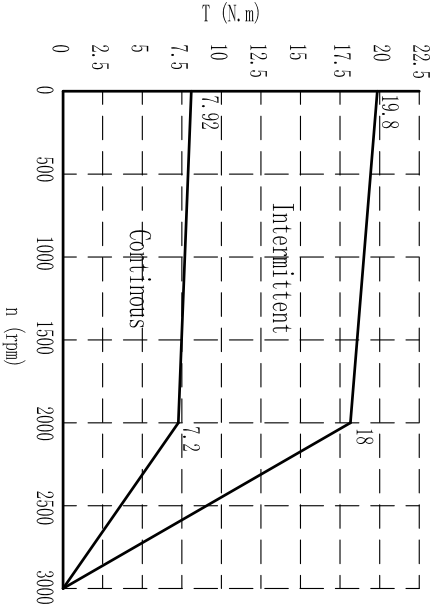
17 PIN ENCODER CONNECTOR



Brake Data

Static Friction	10Nm
Voltage	24VDC
Power	19W
Technical Data	
No. of poles	8
DC link Voltage UDC (DC link)	300
Rated Power P _N (W)	1500
Rated Torque T _N (N.m)	7.2
Rated Speed n _r (rpm)	2000
Rated Current I _x (A)	6.8
Maximum torque I _m (N.m)	18
Maximum current I _m (A)	20.4
Standstill torque T _s (N.m)	7.92
Standstill current I _s (A)	7.48
Resistance line-line R _L (Ω)	1.51
Inductance line-line L _L (mH)	13.8
Electrical time constant τ _e (ms)	9.14
Mechanical time constant τ _m (ms)	2.30
Voltage constant K _e (V/krpm)	71
Torque constant K _t (Nm/A)	1.17
Rotor moment of inertia J _m (Kg.cm ²)	12.1
Max. voltage rising du/dt (kV/μs)	8
Insulation class	F
Max. radial force Fr (N)	900
Max. axial force Fa (N)	450
Weight (kg)	9.8
Feed back device	absolute encoder
	MR-HX50AHN10
Temperature sensor	n. a.
Cooling method	Totally enclosed non-ventilated
protection level	IP65, shaft sealing IP54
Temperature	-20°C ~ 40°C
Humidity	Below 90%RH (No dewing)
Environment	For away active gas, combustible gas, oil drop, ash
Installation altitude	Up to 1000m (rated power, above 1000m: 1.5% power decreasing per 100m, max. 400m)
Mounting	Aluminum flange 45°x57x12.7mm
Rating conditions	60K housing temperature ring at 40°C ambient

SINZ08PK00YYDDNNNN



V1.1	KAI965	LS	ZB	19.4.2	DESIGN	DATE	P.N.	9.6647SS
REV	ECN NO.	DRN	APPD	DATE	YJL	2018.5.31	TITLE	Outside Diagram
UNLESS OTHERWISE SPECIFIED				CONTR.	CHECK	ZB	2018.5.31	USED ON
TOLERANCES				ANGULAR	APPD	SL	2018.5.31	DWG NO.
DECIMALS:				±0.5	±0.25	±0°30'	REV	V1.1
UNIT: mm				DO NOT SCALE DRAWING	FIRST ANGLE PROJECTION	SCALE	SHEET	OF
KINCO								